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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. KAS-103XC1
 First Inventor Frederick M. Hahn
 Title Manipulation of Genes of the Mevalonate and Isoprenoid
 Express Mail Label No. EF370336628US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 78]
(Preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
- Oath or Declaration [Total Pages]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.53(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☒ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☒ paper
 - ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement of Attorney (when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449
- ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Filed from 60/221,793, filed 7/31/00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 23,557 or ☐ Correspondence address below
 (Indicate Customer No. or Attach bar code label here)

Name _____
 Address _____
 City _____ State _____ Zip Code _____
 Country _____ Telephone _____ Fax _____

Name (Print/Type) Jeff Lloyd Registration No. (Attorney/Agent) 35,589
 Signature [Signature] Date 07/31/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL FORM

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): **Frederick M. Hahn, Adelheid R. Kuehnle**

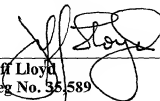
Entitled: **Manipulation of Genes of the Mevalonate and Isoprenoid Pathways to Create Novel Traits in Transgenic Organisms**

- A Utility Patent Application Transmittal Form accompanies this Fee Transmittal Form.
- The filing fee is calculated below:

CLAIMS AS FILED				
	Number filed	Number Extra	Rate	Fee
Basic Fee				\$ 355.00
Total Claims	118	- 20 = 98	x \$9	\$882.00
Independent Claims	13	- 3 = 10	x \$40	\$400.00
Presentation of Multiple Dependent Claim(s) (\$135)				135.00
			Total Filing Fee	\$1,772.00

- Please charge \$ 1,772.00 to Deposit Account No. 19-0065. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any additional filing fees which may be required, or credit any overpayment, to Deposit Account No. 19-0065. A duplicate copy of this sheet is enclosed.
- This application is being mailed by Express Mail under 37 CFR 1.10 and the required certificate appears below.

Date 31 July 2001


Jeff Lloyd
Reg No. 35,589

CERTIFICATE OF MAILING BY EXPRESS MAIL (37 CFR 1.10)

Express Mail No.: EF 370336628 US Date of Deposit: July 31, 2001
I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Valerie Cooper
Name of person mailing paper

Valerie Cooper
Signature